



DR. LUCÍA TABARES

Professor of Physiology at the University of Sevilla

Nifedipine ameliorates motor nerve terminal and motor neuron pathology in mouse models of Spinal Muscular Atrophy

DAY

June 8th, 2022

TIME

12.00h

PLACE

0.22 ROOM

SHORT BIO

Dr. Lucía Tabares, Professor of Physiology at the University of Sevilla, initiated her career with a Ph.D. at the University of Sevilla through the discovery that adrenal cortical cells are electrically excitable.

She performed two international postdoc works in the United States, with Prof. Clay Armstrong (University of Pennsylvania and Marine Biological Laboratory in Woods Hole, Massachusetts) on the mechanisms of calcium channels permeation, and later, she moved to the lab of Prof. David Clapham (Mayo Clinic, Rochester, Minnesota) where she characterized two chloride channels at the cell nucleus membrane.

After establishing her lab, she focused on synaptic transmission regulation and maintenance of the synapse in health and disease, in particular regarding Spinal Muscular Atrophy and other genetic models of synaptopathies. She summarized in more than 50 articles and >2500 citations in top-rated journals including Nature Cell Biology, Neuron, PNAS, Nature Communications, and Journal of Neuroscience among others, book chapters, entire books, and congresses, and she is an associated editor in Frontiers in Synaptic Neuroscience. She has established collaborative works with researchers such as Prof. William Betz (Univ. Colorado), Prof. Silvio Rizzoli (Univ. Göttingen), Prof. Thomas Südhof (Univ. Stanford), Prof. Sibylle Jablonka (Univ. Würzburg), Prof. Guillermo Alvarez de Toledo (Univ. Sevilla), Profs. Rosa Soler and Jordi Calderó (University of Lleida).